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News Summary

Articles on inside pages

Problems with disposal of low-level radioactive wastes may force curtailment of some scientific and medical research. Story on Page 3.

For the first time, a majority of college students are women, government statistics indicate. The figures also show a larger-than-expected increase in college enrollment this fall, 2.4 per cent. Story on Page 6.

Recent outside intervention in trustees' decisions about closing small private colleges may set precedents for the 1980's. Story on Page 9.

State governments will provide increased scholarships for students at private colleges and universities this year, says a national survey. Story on Page 13 and Fact-File listing state appropriations on Pages 11 and 12.

David S. Tatel, outgoing director of the Office for Civil Rights, has won praise from some educators for attempting to understand colleges' unique problems. Story on Page 19.

"Truth-in-testing" laws could reduce the value of college admissions examinations, say testing officials. Story on Page 10.

Voluntary regional consortia are viewed by some planners as mechanisms for eliminating duplication of educational programs and saving public funds. Story on Page 8.

Australian universities face dwindling financing, shrinking enrollments, and aging faculties after a quarter of a century of explosive growth. Story on Page 7.

The assassination of South Korea's President Park Chung Hee has led to the closing of all universities and schools in the country. Story on Page 7.

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New Federal Anti-Bias Agency to Be Proposed by Sloan Panel

Government will be urged to set up a single audit unit in the National Science Foundation and to establish a 'modest' program of student assistance based on merit rather than need

By Malcolm G. Scully

HOUSTON

A single, independent regulatory agency in the new Department of Education should take over the enforcement of all federal anti-discrimination requirements affecting students, faculty members, and administrators at U. S. colleges and universities, the Sloan Commission on Government and Higher Education will recommend.

The two-year-old commission will also propose basic changes in federal programs of financial aid to higher education.

Merit Scholarships

It will advocate the establishment of a "modest" program of federal merit scholarships and of a National Education Loan Bank, and it will call for the elimination of education benefits under Social Security.

The Sloan commission's final report will be published early next year. Carl Kaysen, the commission's vice-chairman and director of research, summarized some of its chief recommendations here last week at the annual meeting of the American Council on Education.

Mr. Kaysen, professor of political economy at the Massachusetts Institute of Technology, indicated the commission would propose, among other things:

▶ The transfer of responsibility for auditing universities' handling of federal research grants from the Department of Health, Education, and Welfare, to a new auditing agency—an inspector general's office—in the National Science Foundation.

▶ State requirements for periodic reviews of the quality of educational programs at all of a state's public colleges and universities. Private institutions would be encouraged, but not required, to undergo the same reviews.

Mr. Kaysen said the regulatory agency in the Department of Education would require new federal legislation.

He added that it would be difficult to persuade such groups as women, blacks, and the handicapped that the new agency, which the commission is calling the Council for Equal Opportunity in Higher Education, would be more effective in protecting their interests than existing enforcement agencies.

Under the Sloan Commission's plan, every college and university would be required to file with the proposed council—and make public—an assessment of equal opportunity on its campus.

90 Days to Comment

The council would have 90 days to comment on the assessment. If there were no objections, the report would become evidence that the institution was in compliance with federal anti-discrimination requirements. If the council had objections, the institution would have 60 days to respond. If the council were not satisfied, it would have 30 days to begin procedures for administrative hearings.

Mr. Kaysen said the new procedure

Continued on page 19, Column 1

Carter Names Education Secretary

WIDE WORLD

U. S. Appeals Court Judge Shirley M. Hufstedler was nominated by President Carter last week to be the first Secretary of Education. See story, Page 7.

Women Scientists Treated Equitably, Sociologist Finds

By Anne C. Roark

The many "signs and symbols" of sex discrimination that have plagued academic science are diminishing "to a significant degree," according to Jonathan R. Cole, professor of sociology at Columbia University.

Contrary to widespread belief, the scientific community "distributes its resources and rewards in an equitable fashion," says Mr. Cole, who is director of Columbia's Center for the Social Sciences.

His findings are part of a 336-page study—*Fair Science: Women in the Scientific Community*—just published by the Free Press, a division of Macmillan Publishing Co., Inc.

565 Scientists in Study

The report, which claims to be the most systematic and extensive of its kind, was based on the careers of 565 men and women scientists, from the time they earned their doctorates in 1957-59 through 1975.

The study matched the men and women by year of graduation, university, academic specialty, and measured intelligence. It then compared their productivity, publication records, promotions,

Continued on Page 4, Column 1

FACT-FILE

Spending by States and Territories For Student Aid in 1979-80 Totals $852-Million

More than 1.2 million students receive tuition grants or scholarships

	No. of winners enrolled			Dollars paid out (add 000)			Average award amount			1979-80* Per cent of total	
	1977-78	1978-79	1979-80*	1977-78	1978-79	1979-80*	1977-78	1978-79	1979-80*	Awards	Money
Alabama											
Student assistance	2,453	5,628	8,225	$546	$1,937	$2,468	$223	$344	$300	0.65%	0.29%
Alaska											
Scholarships	90	95	160	141	150	240	1,567	1,579	1,500	0.01%	0.03%
Arizona											
Incentive grants	1,958	2,257	2,650	1,201	1,596	1,800	613	707	679	0.21%	0.21%
Arkansas											
State scholarships	2,289	3,200	4,000	500	747	1,104	218	233	276	0.32%	0.13%
California											
State scholarships	39,964	39,871	41,527	55,874	55,584	56,809					
College opportunity grants	15,498	19,037	21,413	19,804	19,892	23,358					
Occupational training grants	2,071	2,166	2,435	2,713	3,218	3,311					
All **California** programs	57,533	61,074	65,375	78,391	78,694	83,478	1,363	1,289	1,277	5.18%	9.79%
Colorado											
Student grants	12,000	2,400	7,500	8,245	7,790	2,015					
Incentive grants	1,500	12,000	3,000	1,526	1,600	6,045					
All **Colorado** programs	13,500	14,400	10,500	9,771	9,390	8,060	724	652	768	0.83%	0.95%
Connecticut											
State scholarships	2,734	3,273	3,556	2,022	2,462	2,667					
State supplemental grants	1,919	2,164	2,164	899	1,045	1,000					
Higher education grants	846	405	405	280	122	122					
Private college student contracts	4,500	4,425	4,425	3,600	3,975	4,830					
All **Connecticut** programs	9,999	10,267	10,550	6,801	7,604	8,619	680	741	817	0.84%	1.01%
Delaware											
Postsecondary scholarships	794	816	1,600	540	502	550	680	615	344	0.13%	0.06%
District of Columbia											
Incentive grants	794	650	895	873	928	1,073	1,099	1,428	1,199	0.07%	0.13%
Florida											
Student assistance grants	7,802	11,071	12,000	8,290	9,186	10,400	1,063	830	867	0.95%	1.22%
Georgia											
Incentive scholarships	8,000	11,000	13,500	2,807	3,175	3,365	351	289	249	1.07%	0.39%
Hawaii											
Incentive grants	2,962	4,800	2,700	298	496	452	101	103	167	0.21%	0.05%
Idaho											
Incentive grants	686	790	930	360	409	494	525	518	531	0.07%	0.06%
Illinois											
Monetary awards	92,291	91,145	76,296	74,150	79,625	74,497	803	874	976	6.04%	8.74%
Indiana											
State scholarships	16,320	15,920	16,165	13,350	13,500	13,740					
Educational grants	5,090	5,500	5,600	3,700	4,000	4,072					
Freedom-of-choice grants	5,200	6,100	6,200	2,600	3,600	3,665					
All **Indiana** programs	26,610	27,520	27,965	19,650	21,100	21,479	738	767	768	2.22%	2.52%
Iowa											
Scholarships	1,104	1,100	1,225	599	661	700					
Tuition grants	9,676	9,700	9,500	10,631	12,180	13,802					
Vocational-technical tuition grants	1,097	2,000	2,660	295	700	800					
All **Iowa** programs	11,877	12,800	13,385	11,525	15,541	15,302	970	1,058	1,143	1.06%	1.80%
Kansas											
Scholarships	1,885	1,500	1,653	937	740	850					
Tuition grants	3,731	3,870	4,500	3,498	3,675	3,800					
All **Kansas** programs	5,616	5,370	6,153	4,435	4,415	4,650	790	822	756	0.49%	0.55%
Kentucky											
State grants	11,048	11,118	13,612	3,838	4,193	5,309	347	377	390	1.08%	0.62%
Louisiana											
Incentive grants	1,588	1,679	2,100	595	641	872	375	382	415	0.17%	0.10%
Maine											
Incentive grants	1,112	1,740	1,800	460	1,091	1,350					
Vocational-technical assistance	450	—	—	71	—	—					
All **Maine** programs	1,562	1,740	1,800	531	1,091	1,350	340	627	750	0.14%	0.16%
Maryland											
General state scholarships	4,200	4,800	5,000	2,117	2,316	2,878					
Senatorial scholarships	6,178	7,278	7,300	2,372	2,622	2,676					
All **Maryland** programs	10,378	12,078	12,300	4,489	4,938	5,554	433	409	452	0.97%	0.65%
Massachusetts											
General scholarships	23,564	25,670	26,000	14,212	15,200	15,984					
Nursing scholarships	410	384	340	125	115	115					
Special education scholarships	36	—	—	13	—	—					
Consortium scholarships	260	257	257	150	150	150					
Non-degree tuition aid	207	—	—	99	—	—					
All **Massachusetts** programs	24,477	26,311	26,597	14,599	15,465	16,249	596	588	611	2.11%	1.91%
Michigan											
Competitive scholarships	18,003	17,665	19,639	14,267	14,965	15,692					
Tuition grants	12,665	13,474	13,050	13,432	13,851	14,500					
All **Michigan** programs	30,668	31,139	32,689	27,699	28,816	30,192	903	925	924	2.59%	3.54%
Minnesota											
Scholarships	9,276	10,914	12,528	7,078	8,642	10,096					
Grants	16,217	19,442	17,960	10,814	13,514	13,535					
All **Minnesota** programs	25,493	30,356	30,488	17,892	22,156	23,631	702	730	775	2.42%	2.77%
Mississippi											
Incentive grants	1,923	1,923	2,200	1,064	1,064	1,109	553	553	504	0.17%	0.13%
Missouri											
Student grants	15,750	18,367	28,000	6,330	6,465	9,000	402	352	321	2.22%	1.06%
Montana											
Incentive grants	1,320	1,200	1,373	330	351	412	250	293	300	0.11%	0.05%

Continued on Following Page

FACT-FILE—Continued

Spending by States and Territories For Student Aid in 1979-80

$852-million in grants and scholarships shared by more than 1.2 million students

	No. of winners enrolled			Dollars paid out (add 000)			Average award amount			1979-80 Per cent of total	
	1977-78	1978-79	1979-80*	1977-78	1978-79	1979-80*	1977-78	1978-79	1979-80*	Awards	Money
Nebraska											
Incentive grants	1,591	1,700	1,700	409	856	856	257	504	504	0.13%	0.10%
Nevada											
Incentive grants	328	326	930	173	172	493	527	528	530	0.07%	0.06%
New Hampshire											
Incentive grants	800	1,000	1,250	372	450	517	465	450	414	0.10%	0.06%
New Jersey											
Tuition aid	—	40,593	38,440	—	21,423	24,009					
Garden State scholarships	—	3,800	7,400	—	1,431	2,600					
Educational opportunity grants	12,379	12,379	11,327	8,891	6,878	6,684					
State scholarships**	14,801	7,280	5,095	7,365	3,640	2,548					
Tuition aid grants**	5,048	1,571	1,100	4,403	1,243	870					
Public tuition aid grants**	15,222	2,175	1,525	3,028	435	305					
County college scholarships**	350	174	90	171	87	45					
Incentive grants**	8,176	4,616	3,230	2,617	1,311	918					
All **New Jersey** programs	55,976	72,588	68,207	26,475	36,448	37,979	473	502	557	5.40%	4.46%
New Mexico											
Incentive grants	1,450	1,222	1,500	546	533	720	377	436	480	0.12%	0.08%
New York											
Tuition assistance	350,000	351,000	355,000	220,000	232,900	255,100					
Regents scholarships	72,000	72,000	71,340	21,400	20,000	19,400					
All **New York** programs	422,000	423,000	426,340	241,400	252,900	274,500	572	598	644	33.77%	32.21%
North Carolina											
Incentive grants	4,457	5,181	5,800	2,570	2,734	3,299	577	528	569	0.46%	0.39%
North Dakota											
Student assistance	1,037	1,011	1,250	339	327	443					
Tuition grants	—	—	200	—	—	100					
All **North Dakota** programs	1,037	1,011	1,450	339	327	543	327	323	374	0.11%	0.06%
Ohio											
Instructional grants	52,814	55,476	66,000	23,638	25,925	30,916	448	467	468	5.23%	3.63%
Oklahoma											
Tuition aid grants	7,663	7,872	10,205	1,672	1,846	2,265	218	235	222	0.81%	0.27%
Oregon											
Need grants	9,161	13,146	11,814	3,528	5,990	5,317					
Cash awards	686	792	800	325	376	390					
All **Oregon** programs	9,847	13,938	12,614	3,853	6,366	5,707	391	457	452	1.00%	0.67%
Pennsylvania											
Higher education grants	118,636	114,938	125,000	72,308	71,791	81,100	609	625	649	9.90%	9.52%
Rhode Island											
Scholarships**	2,490	2,039	1,110	2,092	1,529	1,010					
Grants	—	1,000	4,580	—	1,069	3,164					
Scholarships	—	600	—	—	641	—					
Nurse training scholarships	70	99	70	40	53	35					
Business education teachers scholarships	20	30	15	10	11	8					
War orphans scholarships	24	9	4	3	2	1					
Need based awards	3,260	—	—	652	—	—					
All **Rhode Island** programs	5,864	3,777	5,779	2,797	3,305	4,218	477	875	730	0.46%	0.49%
South Carolina											
Tuition grants	7,758	8,335	7,650	8,907	9,839	10,618	1,148	1,180	1,388	0.61%	1.25%
South Dakota											
Incentive grants	1,300	1,400	1,400	236	265	420	182	189	300	0.11%	0.05%
Tennessee											
Student assistance awards	4,958	6,124	11,098	2,977	3,668	6,200	600	599	559	0.88%	0.73%
Texas											
Tuition equalization grants	19,900	20,277	19,120	10,461	10,669	15,468					
Public education grants	5,650	5,162	7,130	2,363	279	2,981					
All **Texas** programs	25,550	25,439	26,250	12,824	10,948	18,449	502	430	703	2.08%	2.16%
Utah											
Incentive grants	1,780	4,138	3,000	1,247	1,858	1,504	701	449	501	0.24%	0.18%
Vermont											
Incentive grants	5,438	5,600	6,150	3,199	3,855	4,253	588	688	692	0.49%	0.50%
Virginia											
Scholarship assistance	8,897	8,333	14,000	2,486	3,369	3,782	279	404	270	1.11%	0.44%
Washington											
Need grants	10,474	9,188	9,350	4,292	4,046	4,796	410	440	513	0.74%	0.56%
West Virginia											
Higher education grants	5,051	5,126	4,850	2,690	2,906	3,021	533	567	623	0.38%	0.35%
Wisconsin											
Tuition grants	9,000	8,200	9,500	7,327	8,044	10,207					
Higher education grants	25,000	30,000	28,900	12,939	13,941	9,860					
Indian student grants	1,300	1,092	1,000	977	830	900					
All **Wisconsin** programs	35,300	39,292	39,400	21,243	22,815	20,967	602	581	523	3.12%	2.46%
Wyoming											
Incentive grants	95	430	500	56	195	251	589	453	502	0.04%	0.03%
American Samoa											
Scholarships	149	177	180	293	297	300	1,966	1,678	1,667	0.01%	0.04%
Guam											
Professional/technical awards	56	56	60	231	231	235	4,125	4,125	3,917	0.01%	0.03%
Northern Marianas											
Grants	—	350	360	—	496	500	—	1,417	1,389	0.03%	0.06%
Puerto Rico											
Incentive grants	1,550	1,600	1,940	1,092	1,160	1,458	705	725	752	0.15%	0.17%
Trust Territory											
Scholarships and grants	718	1,000	1,000	560	505	505	780	505	505	0.08%	0.06%
Virgin Islands											
Territorial scholarships	378	339	355	473	437	214	1,251	1,289	603	0.03%	0.03%
ALL PROGRAMS	**1,161,376**	**1,217,750**	**1,262,361**	**$737,004**	**$789,218**	**$852,295**	**$635**	**$648**	**$675**	**100%**	**100%**

* Estimated.
** Program being phased out.

NOTE

ONLY THE FOLLOWING PAGES OF THIS PUBLICATION

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